

ABSTRACT

A voice coil for a disk drive includes a spiral formation of winding of an electrically conductive material. This formation has a generally triangular shape with an open center. First and second active leg portions of the formation curve inward of it, and an inactive leg portion curves outward of it. The cross-sectional area of the coil varies along its length with the segments in the inactive leg portion having a smaller cross-sectional area than those of the active leg portions. The voice coil is a laminate with the conductive layer disposed between two electrically insulating layers. It lies fixedly secured to a surface of a base member of the disk drive's actuator. The method of making this laminate includes securing the conductive layer to an insulating layer, removing selected portions of the conductive layer to form the coil, and covering the conductive layer with another insulating layer.